BRUHAT BANGALORE MAHANAGARA PALIKE
EXCECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

Name of work:Construction of Yoga Center Building at Proposed Park in Mallasandra Sy No.33 in Ward No.13

JOB NUMBER:

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Sl-8 Est. Amount 160.00 Rate in Rs.	Lakhs Amount in Rs.
1	KSRRB 200.8 Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (Item No.16.11, Page No.136, SR 2016-17)								
	YOGA CENTER BUILDING								
	Built Site Area								
		Sqm	1	46.00	26.00		1196.00		
						Total Qty	1196.00	6.48	7750.08
2	Excavation in Soil with Dozer KSRRB M300-11. Excavation for road way in all types of soil by mechanical cum means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications. MORTH Specification No. 301 (Item No.19.11, Page No.143, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Built Site Area								
		Cum	1	46.00	26.00	0.15	179.40		
						Total Qty	179.40	73.44	13175.14
3	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavatedsurface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1 (Item No.2.1, Page No.5, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Built Site Area								
		Cum	1	44.00	24.30	1.00	1069.20		
						Total Qty	1069.20	269.56	288213.55
4	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. hard soil. No. KBS 2.1(b)/2.3.5 (Item No.2.3, Page No.5, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Footings								
	F1		4	2.10	1.85	2.50	38.85		
	F2		20	1.85	1.70	2.50	157.25		
	F3		8	1.80	1.55	2.50	55.80		
	F4		2	1.70	1.70	2.00	11.56		
	For SSM		1	123.30	1.00	1.00	123.30		
		Cum	1	8.50	0.90	0.80	6.12		
	Stage		1	20.00	0.60	0.50	6.00		
	Front Stapes		2	3.00	0.45	0.35	0.95		
						Total Qty	399.83		
	Deductions of Columns		32	0.23	0.45	1.4	4.64		
						Total Qty	4.64		
						Total Qty	395.19	304.12	120184.64
	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier underand around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7 (Item No.3.2, Page No.9, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Footings								
	F1		4	2.10	1.85		15.54		
	F2	Sqm	20	1.85	1.70		62.90		
	F3		8	1.80	1.55		22.32		
	F4		2	1.70	1.70		5.78		
						Total Qty	100.76	111.24	11208.54

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
6	KSRB 2.8 : Providing and Filling in foundation with granite / trap cum broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead upto 50m and lift of 1.5m,complete as per specifications,(PWP,IWTD) SR Bangalore Circle 2014 specification. No. KBS (Item No.2.15, Page No.6, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Footings								
	F1	Cum	4	2.10	1.85	0.20	3.11		
	F2		20	1.85	1.70	0.20	12.58		
	F3		8	1.80	1.55	0.20	4.46		
	F4		2	1.70	1.70	0.20	1.16		
						Total Qty	20.15	2283.12	46,009.43
7	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Item No.4.2, Page No.12, SR: 2016-17)								
	YOGA CENTER BUILDING								
	PCC For Footing	Cum							
	F1		4	2.10	1.85	0.15	2.33		
	F2		20	1.85	1.70	0.15	9.44		
	F3		8	1.80	1.55	0.15	3.35		
	F4		2	1.70	1.70	0.15	0.87		
	PCC For SSM		1	123.30	1.00	0.15	18.50		
			1	8.00	0.90	0.15	1.08		
	Stage		1	20.00	0.60	0.15	1.80		
	Front Stapes		2	3.00	0.45	0.15	0.41		
	Flooring Bed								
	Stage		1	20.06	4.00	0.10	8.02		
	Open space		1	20.06	37.12	0.10	74.46		
						Total Qty	120.25	5449.68	6,55,311.59
8	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Item No.5.6, Page No.23, SR: 2016-17)								
	YOGA CENTER BUILDING								
	SSM Foundation	Cum							
	1st Step		1	123.30	0.80	0.40	39.46		
			1	8.00	0.80	0.40	2.56		
	2st Step		1	123.30	0.60	0.40	29.59		
			1	8.00	0.60	0.40	1.92		
	Stage		1	20.00	0.40	0.25	2.00		
						Total Qty	75.53		
	Deductions of Columns		32	0.23	0.45	1.00	3.31		
						Total Qty	3.31		
						Total Qty	72.22	4521.96	326557.86
9	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Item No.5.9, Page No.23, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Basement	Cum	1	123.30	0.45	0.85	47.16		
			1	8.00	0.45	0.8	2.88		
	Stage		1	20.00	0.40	0.85	6.80		
						Total Qty	56.84		
	Deductions of Columns		32	0.23	0.45	0.4	1.32		
						Total Qty	1.32		
						Total Qty	55.52	5405.40	300094.02
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (Item No.4.6, Page No.12, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Copping	Cum							
	SSM Foundation		1	123.30	0.45	0.10	5.55		
			1	8.00	0.45	0.10	0.36		
	Stage		1	20.00	0.40	0.10	0.80		
						Total Qty	6.71	5876.28	39421.02

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
11	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1,4.6 (Item No.4.10, Page No.13, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Footings	Cum							
	F1		4	1.90	1.65	0.35	4.39		
	F2		20	1.65	1.50	0.35	17.33		
	F3		8	1.60	1.35	0.3	5.18		
	F4		2	1.50	1.50	0.30	1.35		
	Column Below Plinth								
	C1		12	0.23	0.45	2.60	3.23		
	C2		20	0.30	0.45	2.60	7.02		
	C3		2	3.14/4*0.23*0.23		2.10	0.17		
	Plinth Beam								
	PB 1A		2	36.62	0.23	0.40	6.74		
	PB 2A		2	18.00	0.23	0.40	3.31		
	PB1		2	37.50	0.23	0.30	5.18		
	PB2		2	20.00	0.23	0.30	2.76		
	PB3		6	4.00	0.20	0.20	0.96		
	PB4		1	3.80	0.23	0.30	0.26		
	PB5		2	2.80	0.30	0.30	0.50		
	Front Stapes Basement		4	3.00	0.30	0.20	0.72		
						Total Qty	59.10	6718.68	397093.41
12	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (Item No.2.10, Page No.6, SR: 2016-17)								
	YOGA CENTER BUILDING								
	50% of Qty Item No 4	Cum	1	197.59			197.59		
						Total Qty	197.59	137.16	27102.01
13	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications, specification. No. KBS 2.9.9/2.9.10.1/2.1.1 (I.tm No.2.12, P.No.6, SR:2016-17)								
	YOGA CENTER BUILDING								
	Earth Filling								
	Full Area Qty as Per item no 3	Cum	1	1069.20			1069.20		
	Open space		1	20.00	37.12	1.10	816.64		
	Stage		1	20.00	3.60	2.10	151.20		
						Total Qty	2037.04	274.32	5,58,800.81
14	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, Unties, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fiHets j*tc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, specification No. KBS 4.t, 4.6 (Item No.4.12, Page No.13, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Columns Plinth to roof	Cum							
	C1		12	0.23	0.45	5.50	6.83		
	C2		20	0.30	0.45	5.00	13.50		
	C3		2	3.14/4*0.23*0.23		3.20	0.27		
	Lintel Beams								
	PB1		2	3.99	0.23	0.20	0.37		
	PB2		2	3.77	0.23	0.20	0.35		
	PB3		16	3.21	0.23	0.20	2.36		
	PB4		2	3.20	0.23	0.20	0.29		
	PB5		8	3.54	0.23	0.20	1.30		
	PB6		2	3.61	0.23	0.20	0.33		
	Roof Lintel								
	RPB1		2	3.99	0.23	0.30	0.55		
	RPB2		2	3.77	0.23	0.30	0.52		
	RPB3		16	3.21	0.23	0.30	3.54		
	RPB4		2	3.20	0.23	0.30	0.44		
	RPB5		8	3.54	0.23	0.30	1.95		
	RPB6		2	3.61	0.23	0.30	0.50		

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Beams								
	B1		2	3.99	0.23	0.45	0.83		
	B2		2	3.77	0.23	0.45	0.78		
	B3		16	3.21	0.23	0.45	5.32		
	B4		2	3.20	0.23	0.45	0.66		
	B5		9	3.54	0.23	0.45	3.30		
	B6		2	3.61	0.23	0.45	0.75		
	B7		2	3.00	0.23	0.45	0.62		
	Side Stapes								
	Waste Slab		4	3.00	1.85	0.15	3.33		
	Steps		20	3.00	0.30	0.15	2.70		
			4	3.00	0.50	0.15	0.90		
	Entrance Slab		1	3.50	3.00	0.15	1.58		
	Building All Around Slab Projection		1	126.20	1.00	0.15	18.93		
						Total Qty	**72.80**	**6876.36**	**500573.77**
15	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Item No.4.19, Page No.14, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Chajja								
	W	Sqm	30	1.90	0.60		34.20		
						Total	**34.20**	**492.48**	**16842.82**
16	KSRB 4-2.12 : Extra for providing throating or drip moulding to R.C.C. chajja with plastering (labour charges only) as per specifications. Specification No. KBS (Item No.4.21, Page No.14, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Chajja								
	W	M	30	3.10			93.00		
						Total Qty	**93.00**	**21.60**	**2008.80**
17	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (Item No.4.28, Page No.15, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Footings								
	F1	Sqm	4	7.10		0.4	11.36		
	F2		20	6.30		0.4	50.40		
	F3		8	5.90		0.35	16.52		
	F4		2	6.00		0.35	4.20		
						Total Qty	**82.48**	**249.48**	**20,577.11**
18	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.31, Page No.15, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Plinth Beam								
	PB 1A	Sqm	2	36.62		0.80	58.59		
	PB 2A		2	18.00		0.80	28.80		
	PB1		2	37.50		0.60	45.00		
	PB2		2	20.00		0.60	24.00		
	PB3		6	4.00		0.40	9.60		
	PB4		1	3.80		0.60	2.28		
	PB5		2	2.80		0.60	3.36		
	Front Stapes Basement		4	3.00		0.40	4.80		
						Total Qty	**176.43**	**316.44**	**55,830.14**
19	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No4.32, Page No.16, SR: 2016-17)								
	YOGA CENTER BUILDING								
	For Columns								
	C1	Sqm	12	1.36		8.00	130.56		
	C2		20	1.50		8.00	240.00		
	C3		2	3.14*0.25		5.30	7.66		
						Total Qty	**378.22**	**395.28**	**149500.95**

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
20	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.34, Page No.16, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Lintel Beams								
	PB1	Sqm	2	3.99		0.40	3.19		
	PB2		2	3.77		0.40	3.02		
	PB3		16	3.21		0.40	20.54		
	PB4		2	3.20		0.40	2.56		
	PB5		8	3.54		0.40	11.33		
	PB6		2	3.61		0.40	2.89		
	Roof Lintel								
	RPB1		2	3.99		0.60	4.79		
	RPB2		2	3.77		0.60	4.52		
	RPB3		16	3.21		0.60	30.82		
	RPB4		2	3.20		0.60	3.84		
	RPB5		8	3.54		0.60	16.99		
	RPB6		2	3.61		0.60	4.33		
	Openings Bottom								
	D		1	2.50	0.23		0.58		
	D1		2	1.20	0.23		0.55		
	W		30	1.50	0.23		10.35		
	V		30	1.50	0.23		10.35		
	Beams								
	B1		2	3.99		0.90	7.18		
	B2		2	3.77		0.90	6.79		
	B3		16	3.21		0.90	46.22		
	B4		2	3.20		0.90	5.76		
	B5		9	3.54		0 90	28.67		
	B6		2	3.61		0.90	6.50		
	B7		2	3.00		0.90	5.40		
						Total Qty	231.77	276.48	64,080.05
21	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 (I.tm No.4.18, P.No.15, SR:2016-17)								
	YOGA CENTER BUILDING								
	Roof Slab								
	Entrance	Sqm	1	3.50	4.50		15.75		
	All Around Slab Projection		1	126.20	1.00		126.20		
						Total Qty	141.95	338.04	47,984.78
22	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.36, Page No.16, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Basement Copping								
	SSM Foundation	Sqm	1	123.30		0.20	24.66		
	Roof Slab								
	Entrance		1	9.50		0.15	1.43		
	All Around Slab Projection		2	126.20		0.15	37.86		
						Total Qty	63.95	732.24	46,823.09
23	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Item No.4.37, Page No.16, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Chejja								
	W	Sqm	30	1.90		0.6	34.20		
						Total Qty	34.20	291.60	9,972.72
24	KSRB 4-6.11 Providing and removing centering, shuttering, strutting, gqm propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (I.tm No.4.38, P.No.16, SR:2016-17)								
	YOGA CENTER BUILDING								
	Entrance Steps								
	Basement	Sqm	4	3.00		0.40	4.80		
	Waste Slab for Stair case		2	3.00	1.80		10.80		
	Steps for Stair case		25	3.00		0.15	11.25		
	Edge		8	2.00		0.30	4.80		
						Total Qty	31.650	513.00	16,236.45

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Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
25	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (TMT bars Fe 500) (Item No.4.46.2, Page No.17, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Steel								
	For One Cum 120Kgs of Concrete Qty Sl no 11	Tonne	1	7.09			7.09		
	For One Cum 120Kgs of Concrete Qty Sl no 14		1	8.74			8.74		
	For One Cum 50Kgs of Concrete Qty Sl no 15		1	1.71			1.71		
						Total Qty	17.54	65455.56	1147953.49
26	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/rrim2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.54 (Item No.5.26.1, Page No.25, SR: 2016-17)								
	YOGA CENTER BUILDING								
	wall	Sqm							
	Long Wall		2	42.00		4.05	340.20		
	Short Wall		2	20.00		4.55	182.00		
	Entrance Parapet		1	9.50		0.5	4.75		
	All Around Slab Projection		1	126.20		0.5	63.10		
						Total Qty	590.05		
	Deduction								
	D		2	2.50		2.40	12.00		
	W		30	1.50		1.35	60.75		
	V		30	1.50		0.60	27.00		
	Column		12	0.45		4.55	24.57		
			20	0.45		4.05	36.45		
						Total Qty	160.77		
						Total Qty	429.28	1011.96	434414.19
27	KSRB 9.4-1 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (I.tm No.9.11, P.No.51, SR:2016-17)								
	YOGA CENTER BUILDING								
	Frame	Cum							
	Door D		1	10.50	0.18	0.15	0.28		
	Door D1		2	7.00	0.10	0.08	0.11		
						Total Qty	0.40	111083.40	43,933.48
28	KSRB 9-13-1: Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 18mm thick of exterior grade Melamine impregnated prelamination particle board of approved colour on both sides including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, 9.26.4 (I.tm No.9.34, P.No.53, SR:2016-17)								
	YOGA CENTER BUILDING								
	Shutter	Sqm							
	Door D		1	2.50		2.50	6.25		
	Door D1		2	1.20		2.10	5.04		
						Total Qty	11.29	3889.08	43907.71
29	KSRB 7.8: Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. AH the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications. (Item No.7.8, Page No.32, SR: 2016-17)								
	YOGA CENTER BUILDING								
	V	Sqm	30	1.50		0.60	27.00		
						Total Qty	27.00	3213.00	86,751.00

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
30	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (Item No.7.9, Page No.32, SR: 2016-17)								
	YOGA CENTER BUILDING								
	W	Kgs	30	1.50		1.35	60.75		
	V		30	1.50		0.60	27.00		
							87.75		
	21kgs per Cum				87.75	21.00	1842.75		
						Total Qty	1842.75	84.24	155233.26
31	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raui plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar.using aluminium section anodized to 12 -15 microns. (Item No.7.11.1, Page No.33, SR: 2016-17)								
	YOGA CENTER BUILDING								
	W	Sqm	30	1.50		1.35	60.75		
						Total Qty	60.75	4418.28	268410.51
32	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.(Item No.15.18, Page No.114, SR: 2016-17)								
	YOGA CENTER BUILDING	Sqm							
	Long Wall		2	41.58		5.50	457.38		
	Short Wall		2	20.52		5.00	205.20		
	Entrance Column		2	3.14*0.23		3.50	5.06		
						Total Qty	667.64		
	Deduction								
	D		1	2.50		2.40	6.00		
	D1		2	1.20		2.10	5.04		
	W		30	1.50		1.35	60.75		
	V		30	1.50		0.60	27.00		
						Total Qty	98.79		
						Total Qty	568.85	279.72	159117.44
33	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (Item No.15.13, Page No.113, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Inside plastering	Sqm							
	long Wall		2	38.12		5.50	419.32		
	Short Wall		2	20.00		5.00	200.00		
	Stage Front		1	20.00		0.50	10.00		
						Total Qty	629.32		
	Deduction		1	2.50		2.40	6.00		
	D		2	1.20		2.10	5.04		
	D1		30	1.50		1.35	60.75		
	W		30	1.50		0.60	27.00		
	V					Total Qty	98.79		
						Total Qty	530.53	200.88	106572.87
34	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (Itm No.15.21, P.No.114, SR:2016-17)								
	YOGA CENTER BUILDING								
	Roof Slab	Sqm							
	Entrance		1	3.50	4.50		15.75		
	All Around Slab Projection		1	126.20	1.00		126.20		
						Total Qty	141.95	208.44	29588.06

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
35	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications using silver grey granite / Multy Red / Ruby Red I Black / Hassan Green Granite of width not less than 1200mm (I.No:14.47.1, P.No:107, SR 2016-17)								
	YOGA CENTER BUILDING								
	Hall	Sqm	1	20.60	37.20		766.32		
	Skirting		1	115.50		0.15	17.33		
	Stage		1	4.00	20.00		80.00		
	Skirting		1	26.00		0.15	3.90		
	Stage Frount		1	17.30		1.00	17.30		
	Entrance		1	3.00	4.00		12.00		
	Entrance Steps								
	Rise		24	3.00		0.15	10.80		
	Thred		20	3.00	0.3		18.00		
			4	3.00	0.5		6.00		
						Total Qty	**931.65**	**2828.52**	**2635176.52**
36	KSRB 15.1.3-do - Providing ruled pointing to coursed stone masonry with cement mortar 1:3,20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (Item No.15.3, Page No.113, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Basement	Sqm							
	SSM Foundation		2	124.20		0.80	198.72		
	Entrance		1	8.00		0.60	4.80		
						Total Qty	**203.52**	**105.84**	**21540.56**
37	KSRB 15.8.1 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications, (length of mesh only be measured for payment) (Item No.15.35, Page No.115, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Plaster Mesh	M							
	Inside Columns		64	5.00			320.00		
	Outside Columns		64	5.00			320.00		
	Inside Beams								
	Long Wall		4	41.12			164.48		
	Short Wall		4	20.06			80.24		
	Inside Lintels								
	Long Wall		8	41.12			328.96		
	Short Wall		8	20.06			160.48		
	Outside Beams								
	Long Wall		4	41.58			166.32		
	Short Wall		4	20.52			82.08		
						Total Qty	**1622.56**	**38.88**	**63085.13**
38	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Item No.15.74, Page No.121, SR: 2016-17)								
	YOGA CENTER BUILDING								
	W	Sqm	30	1.50		1.35	60.75		
	V		30	1.50		0.60	27.00		
						Total Qty	**87.75**	**88.56**	**7771.14**

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
39	KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. (I.tm No.15.58, P.No.119, SR:2016-17)								
	YOGA CENTER BUILDING								
	For frame	Sqm							
	Door D		1	10.50	0.66		6.93		
	Door D1		2	6.60	0.50		6.60		
	For Shutter								
	Door D		2	2.50		2.50	12.50		
	Door D1		4	1.20		2.10	10.08		
						Total Qty	36.11	33.48	1,208.96
40	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. (I.tm No.15.60.1, P.No.119, SR:2016-17)								
	YOGA CENTER BUILDING								
	For frame	Sqm							
	Door D		1	10.50	0.66		6.93		
	Door D1		2	6.60	0.50		6.60		
	For Shutter								
	Door D		2	2.50		2.50	12.50		
	Door D1		4	1.20		2.10	10.08		
						Total Qty	36.11	90.72	3275.90
41	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick t| base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification. (Item No.7.29, Page No.40, SR: 2016-17)								
	YOGA CENTER BUILDING						Constrant	Qty	
	150mm Tabular Pipe Top & Bottom	Kgs	12*2	22.5			22.10	11934	
	100mm Cross bracing		12*2	0.35			11.60	97.44	
	80mm Cross bracing		12*17	1.00			9.41	2710.08	
	100mm Perline Pipe		1*18	41.60			11.60	8686.08	
	Plates		18*3	0.25	0.15	0.012	7850.00	190.76	
	Bearing Plates		12*4	0.25	0.25	0.012	7850.00	282.60	
	Nut & Bolts Lump Sum			1350.00				1350.00	
								25250.96	
						Total Qty	25250.96	118.80	2999813.45
42	Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550mpa steel grade, 5-7 microns (Item No.38.30, Page No.300, SR: 2016-17)								
	YOGA CENTER BUILDING								
	Roof Area	Sqm	1	41.60	22.00		915.20		
						Total Qty	915.20	831.60	761080.32
43	Supplying heavy PVC condiuit pipe .....mm dia .....mm thick confirming to IS 2509 woth suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary(2/1.2)(P.No-2 ,I No-1.1.1 & 1.1.2 of ELE S.R 2014-15)								
	INDOOR GAME	M							
	Electricals		1	60.00			60.00	137.16	8,229.60
	19/20mm dia 2mm thick		1	20.00			20.00	274.32	5,486.40
	25mm dia 2mm thick								
44	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of primer of approved make etc.(2/1.4)(P.No-2 ,I No-1.4.1 & 1.4.2 of ELE S.R 2014-15)								
	INDOOR GAME	Each							
	Electricals		1	10.00			10.00	492.48	4,924.80
	75x75x65mm		1	10.00			10.00	21.60	216.00
	100x75x65mm								
								Total Constrution cost	127,09,043.58
								Design Report,Proof Checking & PMC Amount	2,54,180.87
								KRIDL Charges 16%	20,33,446.97

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
								Sub Total	149,96,671.42
								Miscellaneous & Rounding Off	3,328.58
								Grand Total	150,00,000.00

Certificate:-

1) The work spot has been inspected and the work is found necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

SRI SAI CONSULTANTS * BANGALORE-93 *

Consultants
For Sri Sai Consultants

Assistant Engineer
Ward No.13
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

ನಂ: EE/PD/A2/04/17-18 23.09.2017
ರೂ: Rs. 1,50,000/- (ಒಂದು ಕೋಟಿ ಐವತ್ತು ಲಕ್ಷಗಳು ಮಾತ್ರ)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ನಂ. CE/TS/132/17-18 ದಿನಾಂಕ : 05.9.2017
ರೂ. Rs. 150.00 Lakhs Only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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